

**UN-AIDED**

**D.PHARM II**

Dr.RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY, AURANGABAD

IST SESSIONAL EXAM OCT-2010

CLASS: D.PHARM IIND YR

SUB: PHARMACEUTICS-II

MAX TIME: 1HR

MAX MARKS: 20

SUB CODE: 811

**UN-AIDED WING**

DATE: 25-10-10

15

NOTE: Q.1 IS COMPULSORY. SOLVE ANY 4 FROM REMAINING

- Q 1 Prepare 8oz of solution so that two teaspoonful diluted to a quart will make 1 in 5,000 soln.
- Q.2 Define therapeutic incompatibility. Give any 3 types and causes and remedy for them.
- Q.3 What are factors considered in fixing dose of a human drug.?
- Q.4 What are additives used in formulation of effervescent granules. Give their functions.
- Q.5 Define prescription. What are various parts of prescription? Give example of it.
- Q.6 Describe chemical incompatibility in detail.
- Q.7 Give advantages and disadvantages of powder.

DR. RAFIQ ZAKARIA CAMPUS  
KAMALA NEHRU POLYTECHNIC (PHARMACY), AURANGABAD.  
(Un-Aided wing)

SESSIONAL EXAMINATION OCTOBER, 2010.

IN.CODE:207  
EXAM.NO:01

CRSCODE: PH M.CODE: S YRCODE: 02 EXAMCODE: TM  
SUBCODE: PCI (815) TIME: 1HR DATE: 23/10/10 M.MARKS: 20

Solve any 5 of the following. Each question carries 04 marks.

- Q.1 Define i) Trade:ii) Lead Time iii) Management iv) Itinerant retailer
- Q.2 Explain different types of partners as per their functions.
- Q.3 What do you mean by Aids to Trade? Enlist them & explain any four.
- Q.4 Write note on i) JHFF ii) EOQ.
- Q.5 Give flowchart of different channels of distribution. Define distribution.
- Q.6 What are different techniques of Inventory control. Write note on ICC.
- Q.7 Explain various functions of management.

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DR.RAFIQ ZAKARIA CAMPUS

# KAMALA NEHRU POLYTECHNIC (PHARMACY)

RAUZA BAUGH, AURANGABAD.

UN-AIDED WING

1<sup>ST</sup> SESSIONAL EXAMINATION

SUB: PHARMACEUTICAL CHEMISTRY II

YEAR CODE: PH02

DATE : 21/10/10

MARKS : 20

TIME : 1 HR.

Q.1) GIVE STRUCTURE AND METHOD OF NUMBERING.

(04)

1) THIAZOLE            2) PHENOTHIAZINE

3) ISOQUINOLINE    4) PIPRAZINE

5) ACRIDINE            6) ISOXAZOLE.

Q.2) GIVE STRUCTURE OF FOLLOWING HETEROCYCLIC COMPOUND.

(04)

1) PYRAZOLE    2) PIPERIDINE    3) THIAZOLIDINE    4) PYRIMIDINE

5) QUINOLINE    6) THIAZOLE    7) PHENOTHIAZINE    8) IMIDAZOLIDINE.

Q 3) DEFINES ANTIBIOTICS AND CLASSIFIES THEM WITH EXAMPLE.

(04)

Q 4) DISCUSS THE NOMENCLATURE OF SULPHONAMIDES. CLASSIFY THEM WITH EXAMPLES.

Q 5) GIVE THE LIFE CYCLE OF MALARIAL PARASITE.

(04)

Q 6) EXPLAIN THE TERMS:

(04)

1) AMOEBIASIS

2) HELMINTHIASIS

DRAW STRUCTURE AND NAME D.E.C.

Q7) GIVE THE USES, STORAGE, BRAND NAMES, & CATEGORY.

(04)

1) EMITINE

2) MYSTATIN

3) SOLAPSONE

4) CETRIMIDE

DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY( AURANGABAD)

1<sup>ST</sup> SESSIONAL EXAMINATION 20<sup>TH</sup> OCT 2010 (Unaided)

PHARMACOLOGY AND TOXICOLOGY . MAX MARKS 20 . TIME 1 HR

**Q1 DEFINE (ANY 5 )**

**( 5MARKS)**

1.CHEMOTHERAPY 2.PHARMACODYNAMICS 3.SYNERGISM 4.DRUG TOLERANCE  
5.ADRENERGIC DRUG 6.MYDRIASIS 7.ANTAGONISM 8.TOXICOLOGY

**Q2.Mention the uses ,side effects ,dose and route of administration of following drugs**

**(any 4)**

**(6marks)**

1.adrenaline 2.phenobarbitone 3.aspirin 4.morphine 5.neostigmine 6.diethyl ether

**Q3.Write the classification of Sedatives and Hypnotics**

**(3 marks)**

**Or**

Classification of Non steroidal anti-inflammatory drugs.

**Q4 Answer any two**

**(6marks)**

- 1.Describe the various pharmacological effects of acetyl choline on its various receptors.
- 2.Describe the factors affecting action of drug. —
- 3.Give reason why adrenaline is given with local anaesthetic drugs —
- 4.Write a note on preanaesthetic medication.

DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY( AURANGABAD)

1<sup>ST</sup> SESSIONAL EXAMINATION 19<sup>TH</sup> OCT 2010 (Unaided)

PHARMACEUTICAL JURISPRUDENCE . MAX MARKS 20 . TIME 1 HR

**Q1 DEFINE (ANY 5) (5 MARKS)**

- 1.ETHICS 2.PHARMACEUTICAL LEGISLATION 3.REGISTERED PHARMACIST 4.CENTRAL COUNCIL  
5.REPATRIATE 6.DISPLACED PERSON 7.UGC 8.POISON

**SOLVE ANY 4 (15 MARKS)**

1. Write the various recommendations of Chopra committee in detail.
2. Describe various objectives of pharmaceutical legislation. ✓
3. Write the code of ethics for a pharmacist with the doctors. ✓
4. Describe the various functions of PCI. ✓
5. Write the various powers of state and central govt under poisons act 1919.
6. Write in detail about handling of prescriptions. ✓
7. Write various offences and penalties under Pharmacy Act 1948 ✓

**KAMALA NEHRU POLYTECHNIC (PHARMACY)**  
**ROUZA BAGH AURANAGABAD.**

**IST SESSIONALEXAM Un-Aided**

DATE: - 22/10/2010

TIME: - 1HR

MARKS: - 20

SUBJECT: - HCP

CLASS: - D.PHARM II

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A) Solve any two

(3.5 mks)

Q.1. Give any 5 functions of hospital pharmacy along with flow chart of patients in hospital Pharmacy.

Q.2. Give a note on underutilisation of medication.

Q.3. Give classification of hospital.

B) Solve any two

(3 mks)

1. Write short note on unit dose dispensing.

2. Write short note on pre-packaging.

3. Write a note on counseling on drug usage to patients by pharmacists.

C) Solve any two

(3.5 mks)

1) Define clinical pharmacy.  
Give objectives of clinical pharmacy.

2) Write note on medication history of patient.

3) Give advices for drugs

1. Ampicillin

2. Phenolphthalein

3. Salicylates

4. Phenylbutazone

5. Diazepam

6. Phenytoin



Dr.Rafiq Zakaria Campus

KAMALA NEHRU POLYTECHNIC PHARMACY, AURANGABAD

UN-AIDED WING *PHARMACEUTICS-II*

CLASS:D.PHARM – II

IIND SESSIONAL EXAM-FEB-2011

DATE:21-02-11

MAX MARKS:20

TIME:-12.00 TO 1.00 P.M.

MAX TIME: 1HR.

NOTE:SOLVE ANY 4 QUESTIONS.ALL QUESTIONS CARRY EQUAL MARKS.

- Q.1.Discuss the adjuvants required for formulation of monophasic liquid dosage form
- Q.2. Write a note on douches.
- Q.3.Differentiate between liniments & lotions (Any 10 points)
- Q.4. What are Flocculated & Non-Flocculated suspensions? Compare their properties
- Q.5. What is flocculation & creaming of Emulsions. Explain it.
- Q.6. Write a short note on cracking of emulsions along with factors causing cracking.
- Q.7. Discuss any 2 methods of preparation of ointments in detail.

Dr. Rafiq Zakaria Campus

Kamala Nehru Polytechnic (Pharmacy), UNAIDED, Aurangabad.

Second Sessional Examination

Sub: Pharmaceutical Chemistry II

Class: D-Pharm II

Date: 12-02-2011

Time: 1Hr. Max.Marks:20

NOTE: ATTEMPT ANY FIVE .ALL QUESTIONS CARRY EQUAL MARKS

Q1. GIVE STRUCTURE & NUMBERING OF FOLLOWING HETEROCYCLES (04)

1. PYRIDINE

2. PIPERIDINE

3. PHENOTHIAZINE

4. THIADIAZINE

Q2. DESCRIBE CHEMISTRY OF DIAZEPAM (04)

Q3. DRAW COMMON STRUCTURE PRESENT IN ALL ANTICONVULSANTS & SHOW THEIR DIFFERENT CLASSES (04)

Q4. DEFINE & CLASSIFY CHOLINERGIC AGENTS WITH EXAMPLE. (04)

Q5. GIVE STRUCTURE & CHEMICAL NAME OF (ANY FOUR)(04)

1. ADRENALINE

2. PHENOBARBITONE

3. CAFFINE

4. EPHEDRINE

5. FUROSEMIDE

6. CHLORPRMAZINE

Q6. GIVE STRUCTURE, STORAGE AND USES OF HALOPIRIDOL. (04)

Q7. WHAT IS INSULIN? GIVE ITS STORAGE, FUNCTIONS AND USES (04)



**DR RAFIQ ZAKARIA CAMPUS**

**KAMALA NEHRU POLYTECHNIC PHARMACY (UNAIDED)**

**AURANGABAD**

**PHARMACOLOGY AND TOXICOLOGY 2<sup>ND</sup> SESSSIONAL EXAMINATION**

**MAX MARKA:20 TIME :1 HR D.PHARM SECOND YEAR DATE :15 FEB 2011**

**DEFINE (ANY 4)**

**(4MARKS)**

1.EPILEPSY 2. TRANQUILISER 3. ASTHMA 4. CARDIOTONIC 5. ANGINA 6. HEMATINIC

**Q2\_ GIVE THE DOSE ,ROUTE OF ADMINISTRATION AND SIDE EFFECTS OF ANY 2 DRUGS**

**( 2 MARKS)**

1. FURESAMIDE 2. VIT B 12 3. CHLORPROMAZINE 4. IRON

**Q3 SOLVE ANY 4**

**(14 MARKS)**

- 1.Explain the mechanism of Digitalis as Cardiotonic Drug
- 2.Mention the treatment given in Arrhythmia
- 3.Explain the triple response of Histamine
- 4.Describe any two antiepileptic Drugs
- 5.Give reason why patients on MAO therapy are advised not to consume food containing Tyramine
- 6.Give the classification of antihypertensive drugs

**DR RAFIQ ZAKARIA CAMPUS**  
**KAMALA NEHRU POLYTECHNIC PHARMACY (UNAIDED)**  
**AURANGABAD**

PHARMACEUTICAL JURISPRUDENCE 2<sup>ND</sup> SESSSIONAL EXAMINATION

MAX MARKA:20 TIME :1 HR D.PHARM SECOND YEAR DATE :14 FEB 2011

**DEFINE (ANY 11)**

11 MARKS

- 1.COCA LEAF 2.PREPARED OPIUM 3.IILICIT TRAFFIC 4.CANNABIS 5.ADDICT  
6.BULK DRUG 7.DEALER 8.SCHEDULED BULK DRUG 9.NET WORTH 10. ADVERTISEMENT  
11.BONDED MANUFACTORY 12.LUNATIC 13. RECTIFIED SPIRIT 14.MAGIC REMEDY  
15.TOILET PREPARATION

**Q2 SOLVE ANY 3**

(9 MARKS)

- 1.Mention the powers of state government under Narcotic and Psycotropic substances Act.
- 2.Describe the various category of prohibited advertisement
- 3.Mention the conditions under which termination of pregnancy is allowed as per MTP act 1971
- 4.Explain the formula for calculation of Retail Price of Scheduled Formulation as per Drug Price Order 1991
- 5/ Describe the layout of a bonded manufactory.

Dr. Rafiq Zakaria Campus

# KAMALA NEHRU POLYTECHNIC (PHARMACY)

AURANGABAD

Un-Aided Wing

DSB

INST.CODE:207      M. CODE: S      COURSE: PH      YR.CODE: PH02

Sub.Code:0815 (DSBM)

SESSIONAL NO:2      DATE: 18/02/2010      TIME:1HR.      MAX.MARKS:20

**INSTRUCTIONS: *SOLVE ANY 5 OF THE FOLLOWING. EACH IS FOR 4 MARKS***

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- Q1. Define Sales promotion. Explain different characters required for salesman.
- Q2. Define i) Window display ii) Advertisement ii) Recruitment iv) Salary
- Q3. What is finance? Which are main sources of Credit raising for it?
- Q4. Write a note on Crossing of cheque.
- Q5. Discuss the various sources of recruitment. Give importance of training of pharmacist.
- Q6. Explain importance of layout design. Draw suitable layout of retail Pharmacy
- Q7. Explain different functions and services of commercial bank.
- Q8. Enumerate various methods of market research. Enlist different survey methods. Explain any one method.

BEST OF LUCK

# Kamala Nehru Polytechnic (Pharmacy)

Sub: Hospital & Clinical Pharmacy

Un-Aided

Second Sessional

Course Code: PH

Master Code: S

Year: PH02

Date: 17.02.2011

Time: 1HR

Marks: 20

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Q.1. Solve (any 2).

(6)

a) Explain the administrative pattern of Central Sterile service & show the work flow pattern of central sterile service.

b) Explain economic factors affecting make or buy decision.

c) Give layout of sterile product area & give work precautions in sterile manufacturing

Q.2. Solve (any 2).

(8)

a. Write short note on drug – food Interactions.

b. Explain following drug Interactions.

1) Salicylates – Urine alkalinisers.

2) Diuretics – Antihypertensives

3) Methyldopa – Amphetamine

4) Vitamines – Levodopa

c. Give a note on Teratogenicity.

Q.3. Solve (any 2).

(6)

a. Give normal values for:

1. Glucose Tolerance Test

2. Cholesterol

3. Blood Sugar

4. Clotting time

5. RBC count

6. ESR

b. Give the name of 3 Surgical Scissors & 2 needles. What is Lithotripsy & MRI.

c. Give procedure for procurement of stores.

Dr.Rafiq Zakaria Campus

**KAMALA NEHRU POLYTECHNIC PHARMACY, AURANGABAD.**

**Un-aided wing**

Class:D.Pharm- II Yr

Sub:Pharmaceutics-II

Date: 02-04-11

Max marks: 20

IIIrd Sessional Exam Apr-2011

Max Time: 1Hr

Note: Attempt any 5 questions. All questions carry equal marks.

Q.1. Classify & describe suppository bases.

Q.2. Describe various types of ingredients used in formulation of shampoo ✓

Q.3. Describe in short various types of hair dressings

Q.4. Describe various routes of administration of parentals

Q.5. Define dialysis. What are types of dialysis?. What does dialysis solution contain?

Q.6. Give importance of particulate matter & mention diff. methods in its detection

Q.7. Define eye drops. Name preservatives & labeling conditions of it. Give methods of sterilization of eye drops.



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Kamala Nehru Polytechnic (Pharmacy) Aurangabad.

III- Sessional Examinations.

SUB: Pharmaceutical Chemistry II

Marks:20

Class-D.Pharm II

Date:30/3/2011

Time :1 Hr

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Note : Attempt any five questions.

Q1. Write a note on Sex Hormones.Give therapeutic uses of progesterone.(04)

Q2. What are Diagnostic agents ?give agents use to test following organs liver,eyes,heart,gallbladder.(04)

Q3. Define and classify Antihypertensives & Anticonvulsants .  
(04) NSAID

Q4.Explain Physiology of Blood Clotting.Give uses, properties of Heparin(04)

Q5.Give Structure and Chemical name of

Thyroxine ,Aspirin,Indomethacin,Chlorpheniramine.(04)

Q6.what are Vitamins ? classify them with example.(04)

Q7. Give classification of antihistaminic agents with example.

DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY (UNAIDED WING)

PHARMACOLOGY AND TOXICOLOGY 3<sup>RD</sup> SESSIONAL EXAMINATION 2011

DATE: 29.03.2011 TIME :1 HR MAX MARKAS:20 D.PHARM II YEAR

Note :Write correct question numbers and answers sequentially.

**Q1: DEFINE (ANY 4) (4MARKS)**

1.ANTIBIOTIC 2.CANCER 3.DIABETES 4.ANTACIDS 5.ANTISEPTIC.

**Q2 Write the dose, uses, adverse effect and route of ANY 2 drugs (2marks)**

1.Tetracycline . 2 Insulin 3.Ampicillin . 4.Dapsone

**Q2.SOLVE ANY 4 (14 MARKS)**

1. Write a note on oral Hypoglycemic Drugs.
2. Write about treatment given in Arsenic Poisoning.
3. Give the classification of Anticancer Drugs.
4. Explain various methods of oral Contraception.
5. Antibiotics are given in combination. Give Reason.
6. Describe any two Antimalarial and Antitubercular Drugs.

DR RAFIQ ZAKARIA CAMPUS

KAMALA NEHRU POLYTECHNIC PHARMACY (UNAIDED WING)

PHARMACEUTICAL JURISPRUDENCE 3<sup>RD</sup> SESSIONAL EXAMINATION 2011

DATE: 28.03.2011 TIME :1 HR MAX MARKAS:20 D.PHARM II YEAR

**Q1: DEFINE**

**(ANY 2 )**

**(4MARKS)**

1.ADULTERATED DRUG 2.SPURIOUS COSMETIC 3.PHARMACY 4.CHEMIST AND DRUGGIST

**Q2: SOLVE ANY 4**

**(16MARKS)**

1.Describe the General labelling requirements as per D&C Act.

2. Explain the wholesaling requirements for License as per Drugs and Cosmetic Act 1940.

3. Write the constitution and functions of DTAB.

4. Explain the various powers of drug Inspector

5. Mention any four drugs/diseases coming in the following schedules

Sch C,H,X,J.

6 .Write a about Loan License and Repacking License.

7. Write about General Retail selling license.

# KAMALA NEHRU POLYTECHNIC (PHARMACY)

AURANGABAD

UN-Aided Wing

INST.CODE:207      M. CODE: S      COURSE: PH      YR.CODE: PH02

Sub.Code:0815 (DSBM)

SESSIONAL NO:3      DATE: 01/04/2011      TIME:1HR.      MAX.MARKS:20

INSTRUCTIONS: *SOLVE ANY 5 OF THE FOLLOWING. EACH IS FOR 4 MARKS*

- Q1. State the difference between P/L a/c & Balance sheet.
- Q2. Explain the different types of accounts. Explain the rules of debit and credit.
- Q3. Discuss the general factors to be considered while selecting a site for a drug store
- Q4. State the objective of Layout design. Give design of Layout of retail drug store.
- Q5. What is petty cash book? Give format for it.
- Q6. Define Budget. Objectives and importance of Budget
- Q7. Explain in brief different methods of financial analysis.
- Q8. Journalize the following transactions in the Journal of National medical & general store Aurangabad.

2005	Particulars	Amt
1/8	Raman invested in Business	20000
2/8	Open an A/c with SBI By depositing cash	10000
3/8	Purchased goods for cash	500
12/8	Withdraw cash for personal use	200
15/8	Cash Sales	900
26/8	Paid Rent	125

BEST OF LUCK



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Kamala Nehru Polytechnic (Pharmacy) Aurangabad.

III- Sessional Examinations.

Sub:HOSPITAL& CLINICAL PHARMACY

Marks:20

Class-D.Pharm II Date:31/3/2011

Time :1 Hr

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Note : Attempt any five questions.

Q1. Define Bioavailability. Describe how physical properties of drug affects bioavailability. (04)

Q2. Write a note on Mercury or lead poisoning.(04)

Q3. Define Drug Abuse. Write note on withdrawl symptoms &treatment of Alcoholism(04)

Q4. Give four functions of PTC. Write note on PTC&Adverse drug reaction.(04)

Q5. Write a note on DIB & give qualities required by pharmacist to run DIS.(04)

Q6. Define Hospital formulary. Give guiding principles for using formulary.(04)

Q7. Write a note on Antidotes(04)